

Sub. A11

1. A computer implemented method of synchronizing  
at least a first and a second database, wherein the manner  
of storing a set of recurring instances differs between the  
first and second databases, and at least the first database  
uses a recurring record to store the set of recurring  
instances, the method comprising:  
processing a plurality of instances in the second  
database to generate a synthetic recurring record  
representing recurring instances in the second database;  
performing a comparison of the synthetic recurring  
record of the second database to a recurring record of the  
first database;  
completing synchronization based on the outcome of  
the comparison.
2. The method of claim 1 wherein completing  
synchronization includes adding, modifying, or deleting the  
synthetic recurring record or the recurring record.
3. The method of claim 2 wherein, following  
synchronization, the synthetic recurring record is fanned  
back into a plurality of single instances.
4. The method of claim 1 wherein the set of  
recurring instances is stored in the second database as a  
plurality of single instances.
5. The method of claim 1 wherein the set of  
recurring instances is stored in the second database as a  
recurring record having a different record structure than  
the recurring record of the first database.

1           6. The method of claim 1 further comprising storing  
2 a history file containing a record representative of the  
3 presence of a recurring record or a synthetic recurring  
4 record in past synchronizations.

1           7. A computer program, resident on a computer  
2 readable medium, for synchronizing at least a first and a  
3 second database, wherein the manner of storing a set of  
4 recurring instances differs between the first and second  
5 databases, and at least the first database uses a recurring  
6 record to store the set of recurring instances, comprising  
7 instructions for:  
8           processing a plurality of instances in the second  
9 database to generate a synthetic recurring record  
10 representing recurring instances in the second database;  
11           performing a comparison of the synthetic recurring  
12 record of the second database to a recurring record of the  
13 first database;  
14           completing synchronization based on the outcome of  
15 the comparison.

1           8. The computer program of claim 7 wherein  
2 completing synchronization includes adding, modifying, or  
3 deleting the synthetic recurring record or the recurring  
4 record.

1           9. The computer program of claim 8 wherein,  
2 following synchronization, the synthetic recurring record is  
3 fanned back into a plurality of single instances.

1           10. The computer program of claim 7 wherein the set  
2 of recurring instances is stored in the second database as a  
3 plurality of single instances.

1 11. The computer program of claim 7 wherein the set  
2 of recurring instances is stored in the second database as a  
3 recurring record having a different record structure than  
4 the recurring record of the first database.

1 12. The computer program of claim 7 further  
2 comprising instructions for storing a history file  
3 containing a record representative of the presence of a  
4 recurring record or a synthetic recurring record in past  
5 synchronizations.

00752490-111396

Add A2

Add B1b